



1/28

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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

SEQ ID 1 10 20 30 40  
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.....  
.....  
SEQ ID 5 SEQ ID 6

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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

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SEQ ID 9

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EMBL-AF200343.SEQ  
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EMBL-AF204943.SEQ  
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SEQ ID 12 SEQ ID 13

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BACE\_dna.SEQ

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EMBL-AF204943.SEQ  
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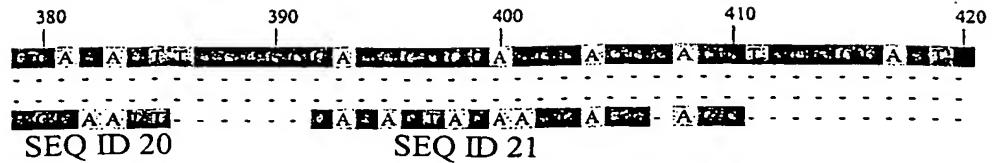
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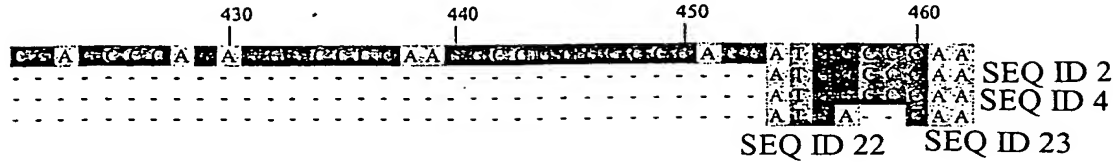
FIG. 1A.

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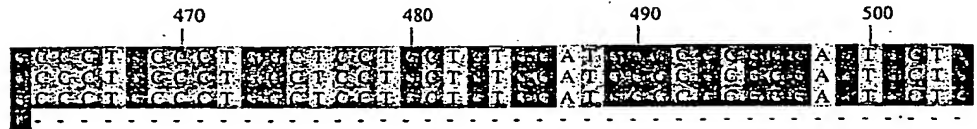
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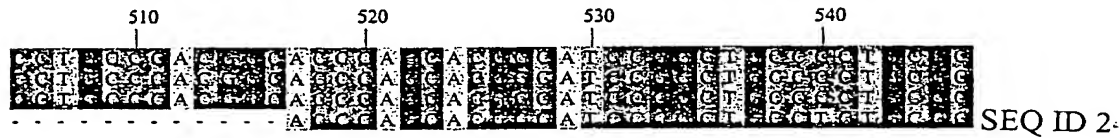
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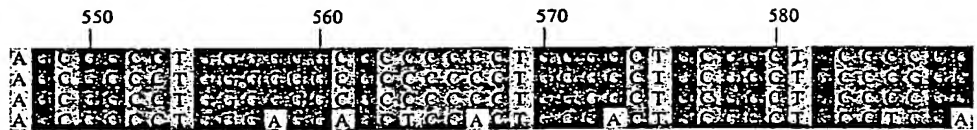
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EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



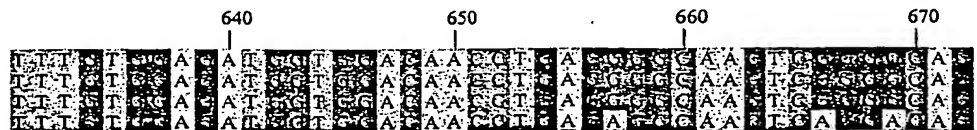
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EMBL-AF204943.SEQ  
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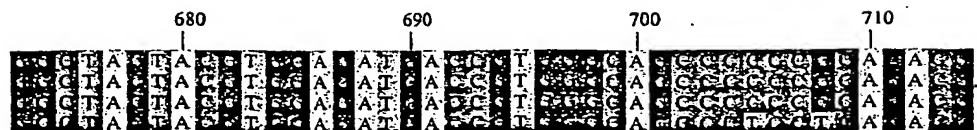
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EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

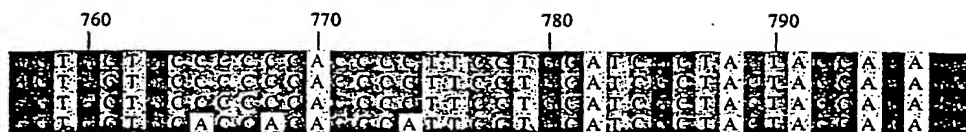


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EMBL-AF204943.SEQ  
BACE\_dna.SEQ



FIG. 1A. (CONTINUED 1)

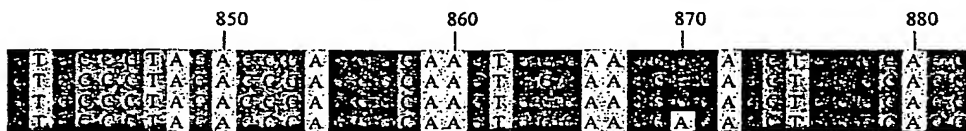
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EMBL-AF204943.SEQ  
BACE\_dna.SEQ



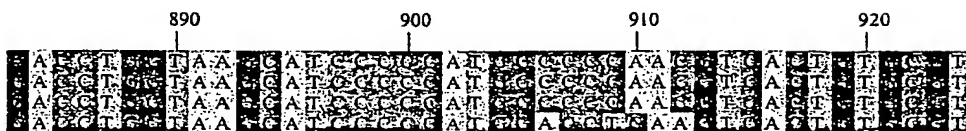
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EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



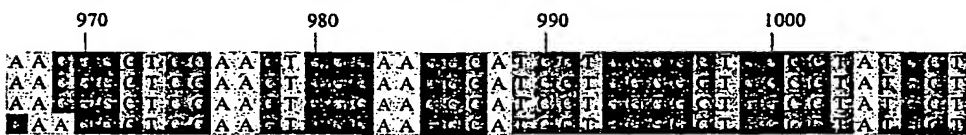
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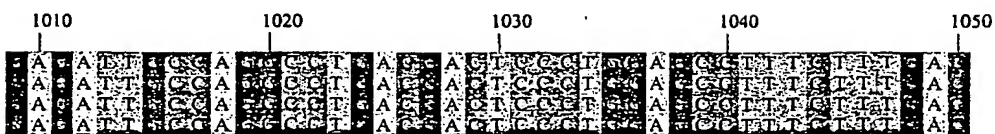
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EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

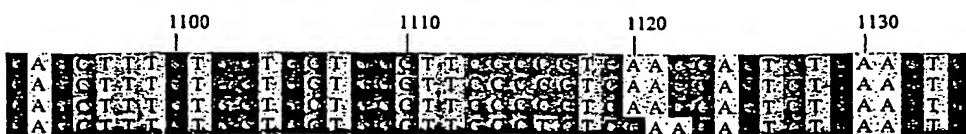
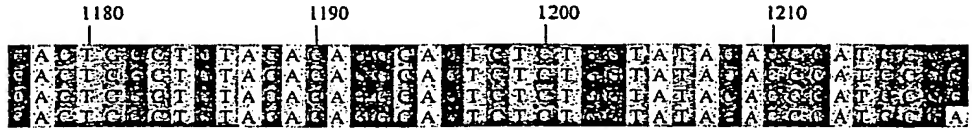


FIG. 1A. (CONTINUED 2).

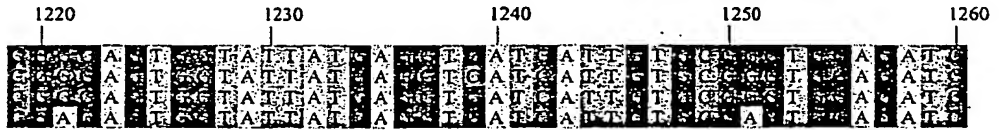
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EMBL-AF204943.SEQ  
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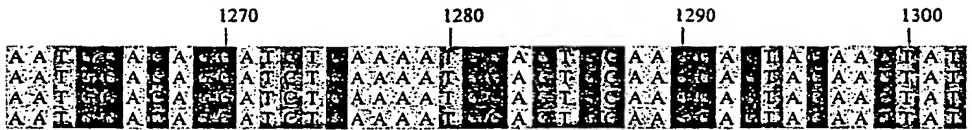
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



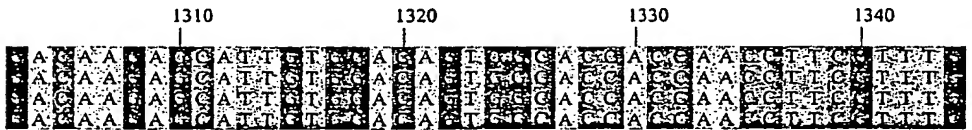
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



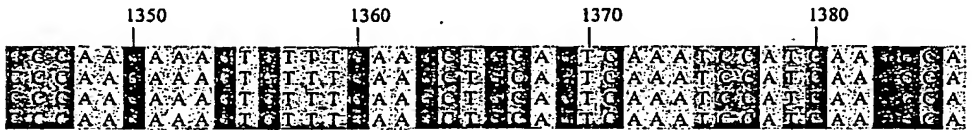
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



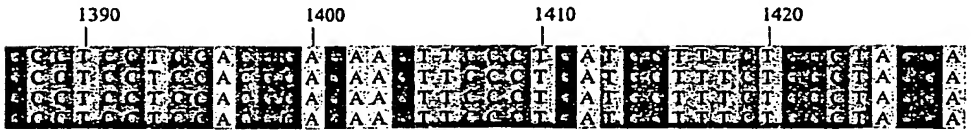
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



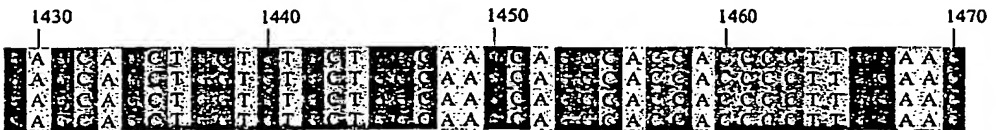
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

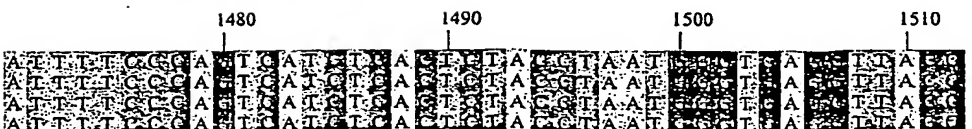
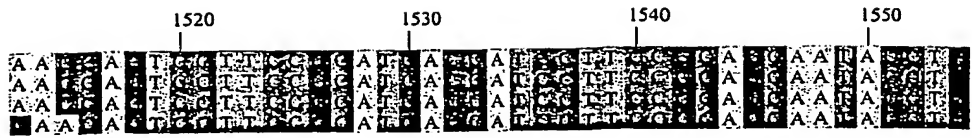


FIG. 1A. (CONTINUED 3).

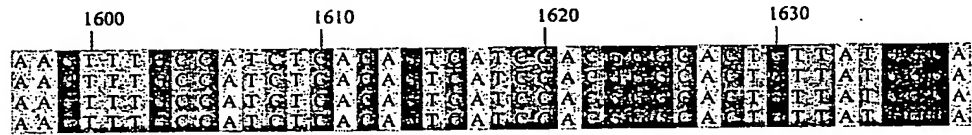
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EMBL-AF204943.SEQ  
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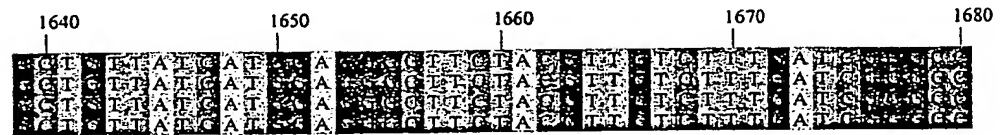
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BACE\_dna.SEQ



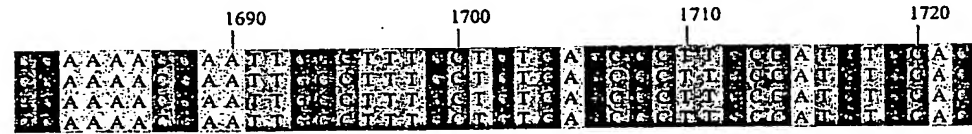
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



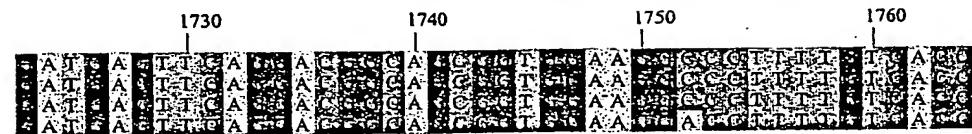
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



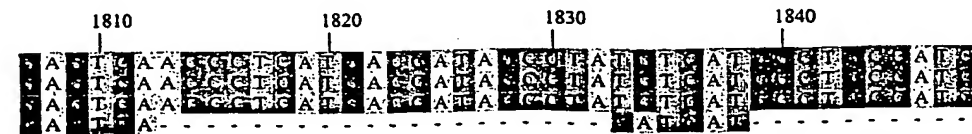
EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



SEQ ID 25

EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

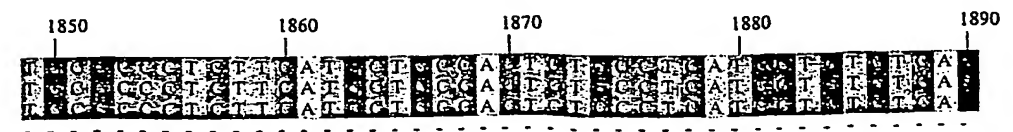
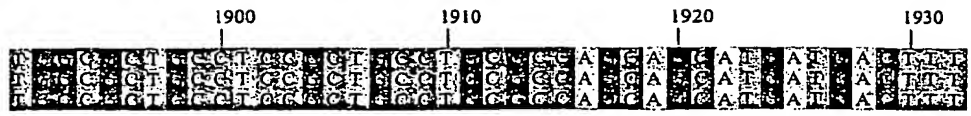
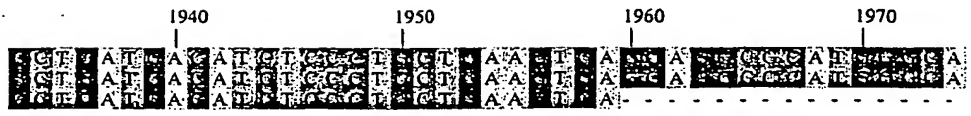


FIG. 1A. (CONTINUED 4).

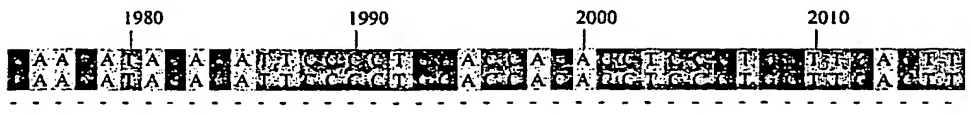
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



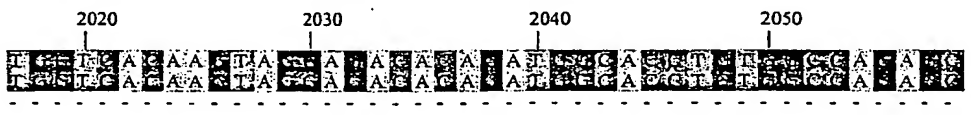
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EMBL-AF204943.SEQ  
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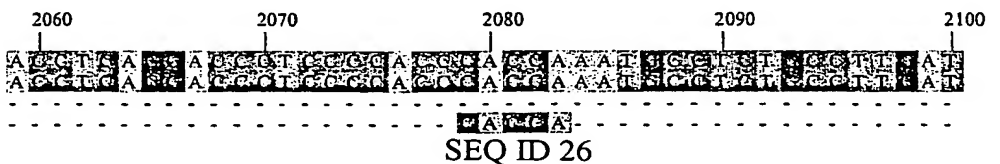
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EMBL-AF204943.SEQ  
BACE\_dna.SEQ



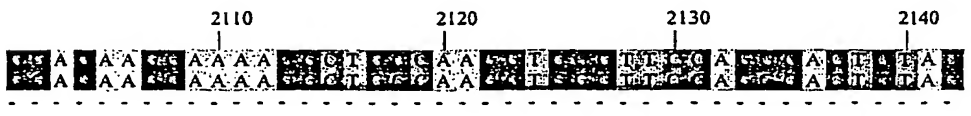
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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ



EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

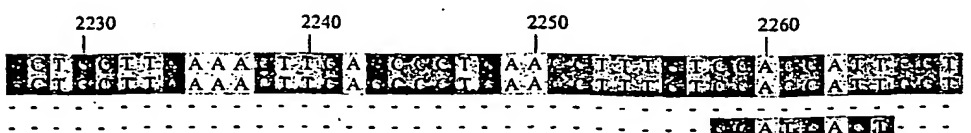


FIG. 1A. (CONTINUED 5).

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EMBL-AF204943.SEQ  
BACE\_dna.SEQ

EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

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BACE\_dna.SEQ

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BACE\_dna.SEQ

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EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

EMBL-AF190725.SEQ  
EMBL-AF200343.SEQ  
EMBL-AF204943.SEQ  
BACE\_dna.SEQ

SEQ ID 3

FIG. 1A. (CONTINUED 6).



**ID 29**

50 60 70 80 90

F L I S P P G G F V M V L G G G Y Y V M V G P P G L I E V  
F L I S P P G G F V M V L G G G Y Y V M V G P P G L I E V

100 110 120 130

140 150 160 170 180  
G L G T L V I P G P V V V A A A I F F I G W G L L G L A Y  
G L G T L V I P G P V V V A A A I F F I G W G L L G L A Y

A T I A A P L L L P P F F L V Q T T V P L L L C G A G F P L D G L V L A  
 A T I A A P L L L P P F F L V Q T T V P L L L C G A G F P L D G L V L A

VGGGMIIGGI 240 PPGGLYVGG L WYTPPI 250 E WY Y V I I V V I I V I I G G L M  
 VGGGMIIGGI 240 PPGGLYVGG L WYTPPI 250 E WY Y V I I V V I I V I I G G L M

280 290 300 310 320

330 340 350 360  
 WLGFQLVLCWAGITPWNIFPVLISLYLMGVITQGFILPLPQYLL  
 WLGFQLVLCWAGITPWSIFPVLISLYLMGVITQGFILPLPQYLL

370 380 390 400 410

P V V A T Q L C Y F A I L D S T T G T V M G A V I M G F Y V V F A I G  
P V V A T Q L C Y F A I L D S T T G T V M G A V I M G F Y V V F A A I G

420 430 440 450 460  
 F A V A C V F L A A V G P F V L M M C G Y I P P C L M L A Y  
 F A V A C V F L A A V G P F V L M M C G Y I P P C L M L A Y

470 480 490 500  
 | | | |  
 SEQ ID 30  
 VMAAICALEFMLPLCLMVCWCLCLFAFAQLLL

FIG. 1B.



## SEQ ID 31

ETDEEPEEPG	RRGSFVEMVD	NLRGKSGQGY	YVEMTVGSPP	QTLNILVDTG	SSNFAVGAAP	60
HPFLHRYYQR	QLSSTYRDLR	KGVIYPYTQG	KWEGELGTDL	VSIPHGPQVT	VRANIAAITE	120
SDKFFIQGSN	WEGILGLAYA	EIARPDDSLE	PFFDSL VKQT	HVPNLFSLQL	CGAGFPLQQS	180
EVLASVGGSM	IIGGIDHSLY	TGSLWYTPIR	REWYYEVIIV	RVEINGQDLK	MDCKEYNYDK	240
SIVDSGTTNL	RLPKKVFEAA	VKSIKAASST	EKFDPDGFVLG	EQLVCWQAGT	TPWNIFPVIS	300
LYLMGEVTQQ	SFRITILPQQ	YLRPVEDVAT	SQDDCYKFAI	SQSSTGTVMG	AVIMEGFYVV	360
FDRARKRIGF	AVSACHVHDE	FRTAAVEGPF	VTLDMEDCGY	NIPQTDESHH	HHHH	414

*FIG. 2A.*

SEQ ID 32

ATGCTACTAGTAAATCAGTCACACCAAGGCTTCAATAAGGAACACACAAGCAAGATGGTAAGCGCTATTGTTTTATATGT  
GCTTTTGGCAGCAGCTGCTCATTCTGCCTTTGCTGCGGATCCGAATTCAGACTACAAGGACGACGATGACAAGACCCAGC  
ACGGGATCCGGCTGCCCTCTGCGCAGCGGCTGGGAGGAGCTCCACTGGGACTGCGGCTGCCTCGAGAGACCCGACGAAGAG  
CCTGAGGAGCCTGGACGGAGAGGCAGCTTTGTGGAGATGGTGGACAACCTGAGAGGCAAGTCAGGACAGGGCTACTACGT  
GGAGATGACCGTGGGCAGCCCTCCTCAGACGCTCAACATCCTGGTGGATACAGGCAGCAGTAACCTTGCAGTGGGTGCTG  
CACCACACCCATTCTGCATCGCTACTACCAGAGGCAGCTGTCCAGCACATACCGAGACCTACGGAAGGGTGTGTATGTG  
CCCTACACCCAGGGCAAGTGGGAAGGAGAGCTGGGCACCGACCTGGTAAGCATCCCCATGGACCTCAAGTCACTGTGCG  
TGCCAACATTGCTGCCATCACTGAATCAGACAAGTTCTTCATCCAAGGCTCCAACCTGGGAAGGCATCCTGGGGCTGGCCT  
ATGCTGAGATTGCCAGGCCTGACGACTCCCTGGAGCCTTTCTTTGACTCTCTGGTAAAGCAGACCCACGTTCCCAACCTC  
TTCTCCCTGCAGCTTTGTGGTGTGCTGGCTTCCTCTCCAACAGTCTGAAGTGCTGGCCTCTGTCTGGAGGGAGCATGATCAT  
TGGAGGTATCGACCACTCGCTGTACACAGGCAGTCTCTGGTATACACCCATCCGACGAGAGTGGTATTATGAGGTGATCA  
TTGTGCGAGTGGAGATCAATGGACAGGATCTGAAAATGGACTGCAAGGAGTACAACCTATGACAAGAGCATTGTGGACAGT  
GGCACCACCAACCTTCGTTTGCCCAAGAAAGTGTGTTGAAGCTGCAGTCAAATCCATCAAGGCAGCCTCCTCCACGGAGAA  
GTTCCCTGATGGTTTCTGGCTAGGAGAGCAGCTGGTGTGCTGGCAAGCAGGCACCACCCCTTGGAACATTTTCCAGTCA  
TCTCACTCTACCTAATGGGTGAGGTTACCCAACAGTCCTTCCGCATCACCATCCTTCCGCAGCAATACCTGCGGCCAGTG  
GAAGATGTGGCCACGTCCCAAGACGACTGTTACAAGTTTGCCATCTCAGAGTCATCCACGGGCACTGTTATGGGAGCTGT  
TATCATGGAGGGCTTCTACGTTGTCTTTGATCGGGCCGAAAAACGAATTGGCTTTGCTGTCAGCGCTTGCCATGTGCACG  
ATGAGTTTCAGGACGGCAGCGGTGGAAGGACCTTTTGTCACCTTGGACATGGAAGACTGTGGCTACAATATTCACAGACA  
GATGAGTCACATCATCACCACCATCACTAA

*FIG. 2B.*

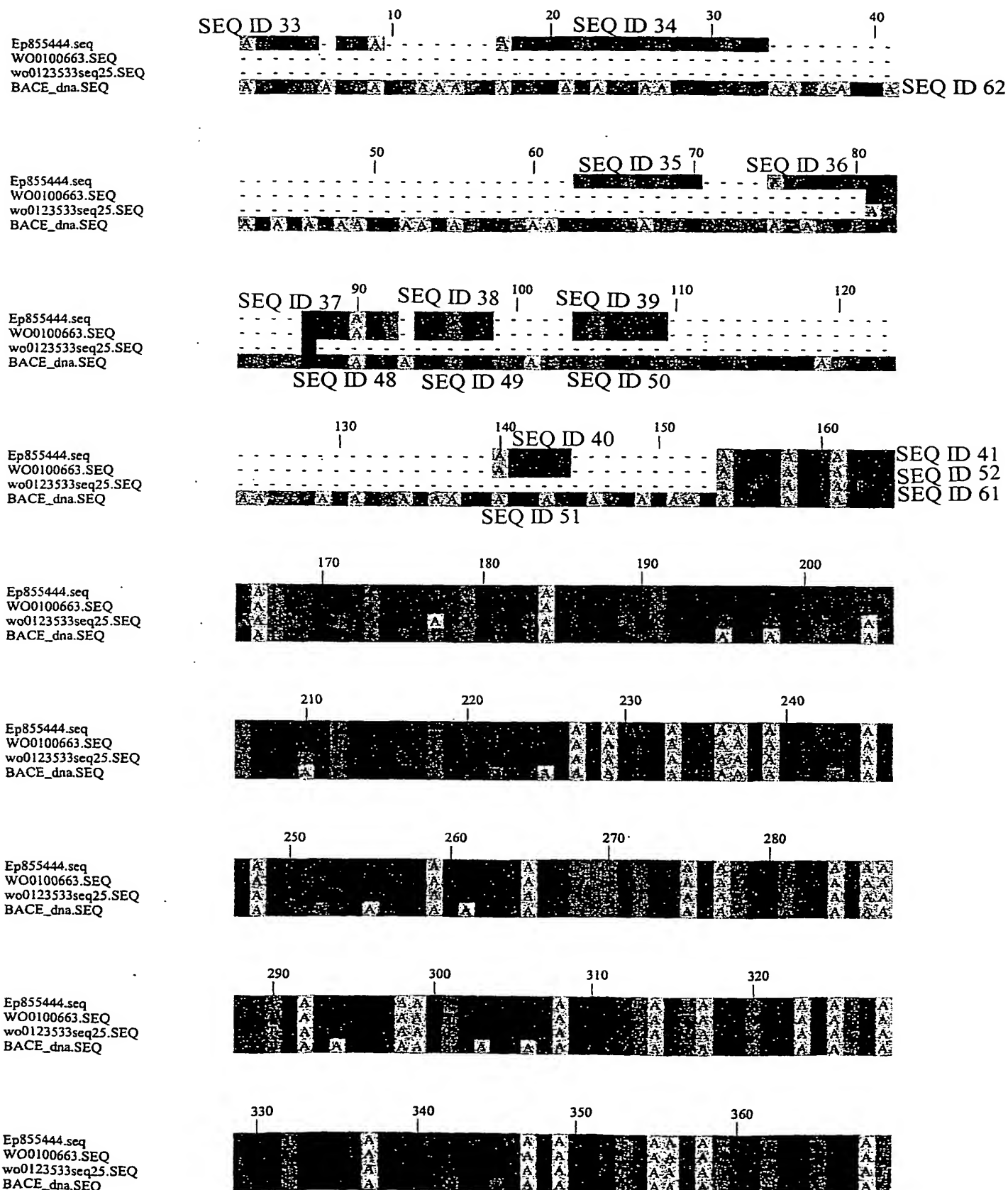
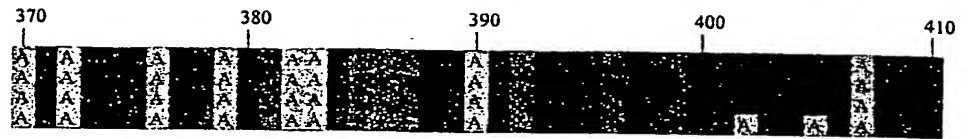
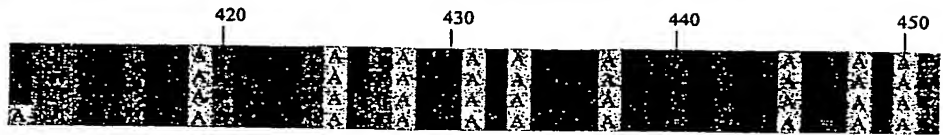


FIG. 7.

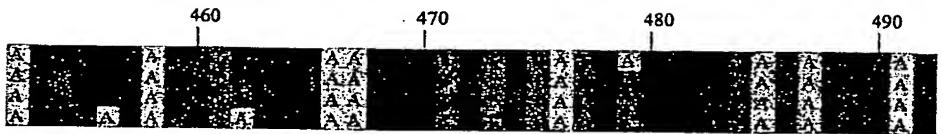
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wo0123533seq25.SEQ  
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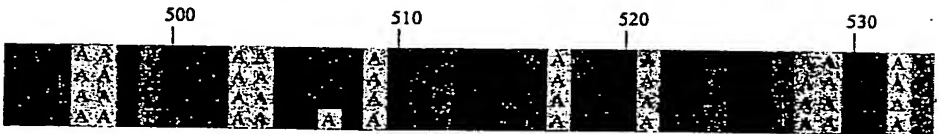
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WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



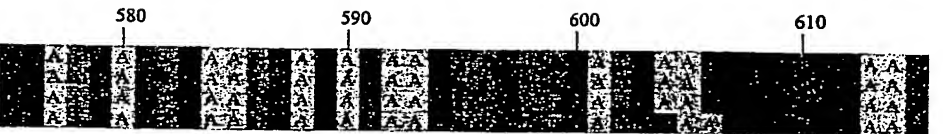
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wo0123533seq25.SEQ  
BACE\_dna.SEQ



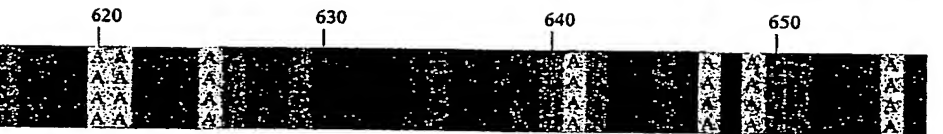
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



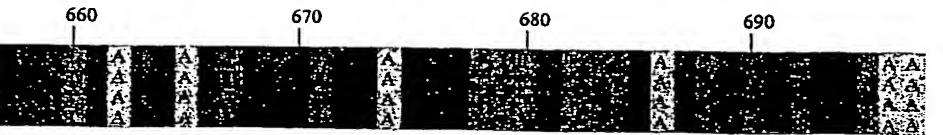
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

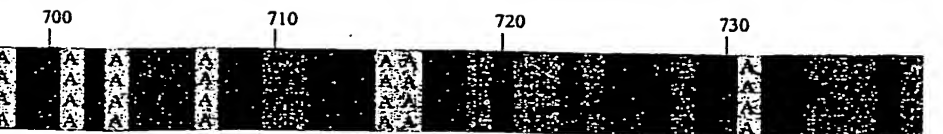


FIG. 7 (CONTINUED 1).

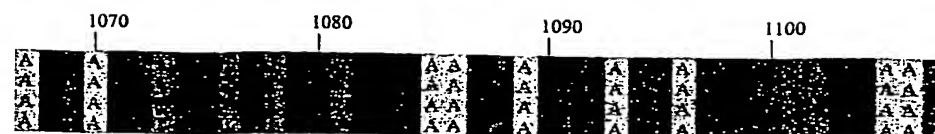
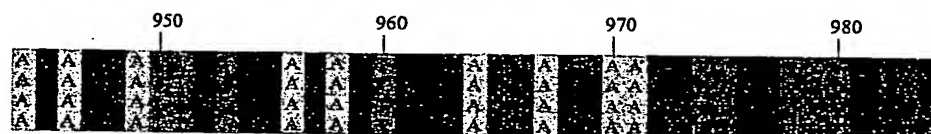
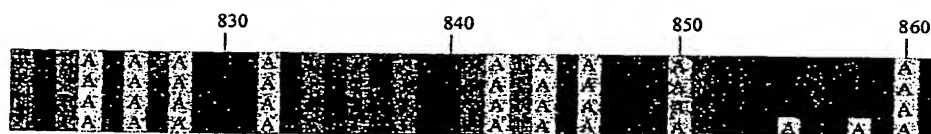
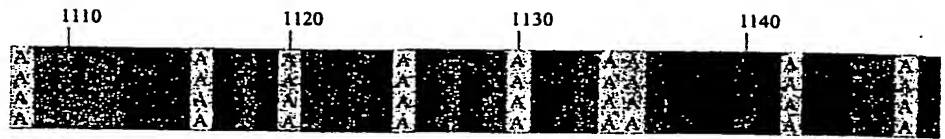
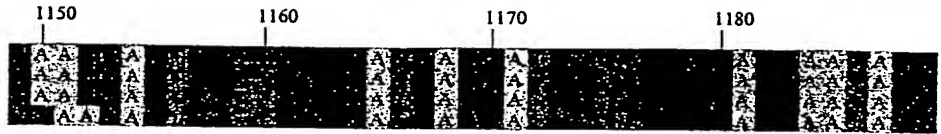


FIG. 7 (CONTINUED 2).

Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



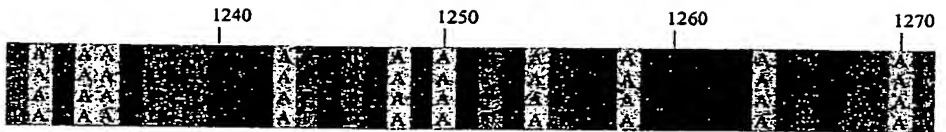
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



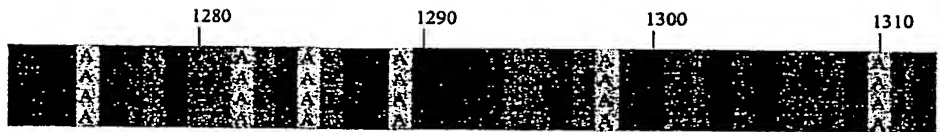
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



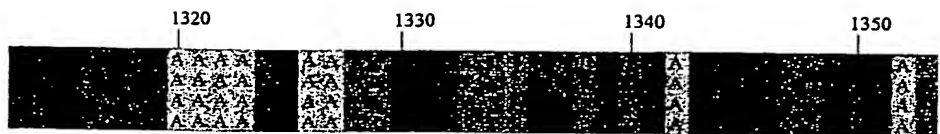
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



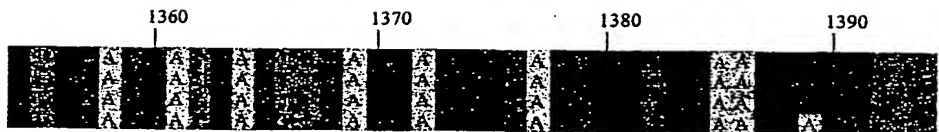
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



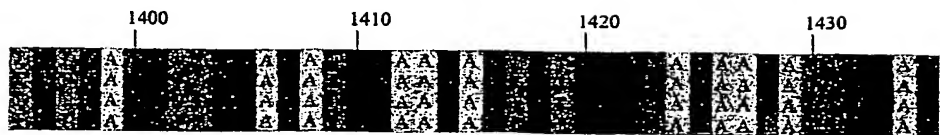
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

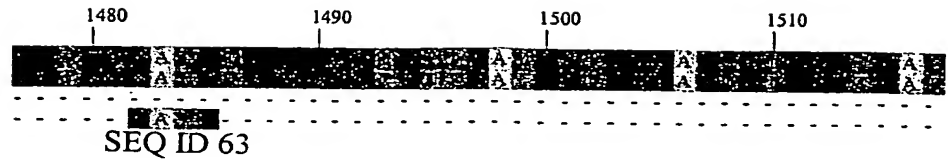


Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



FIG. 7 (CONTINUED 3).

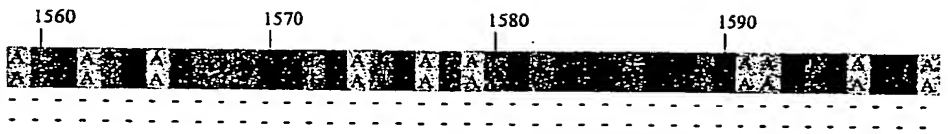
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



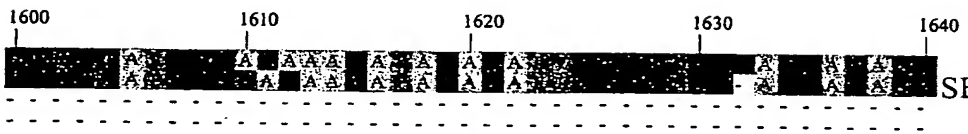
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



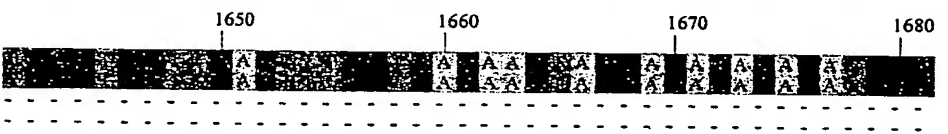
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



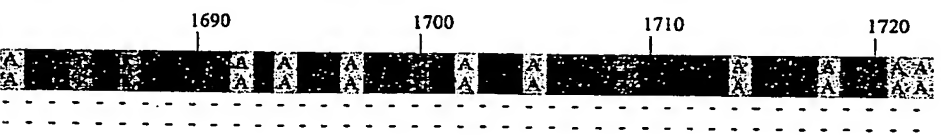
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



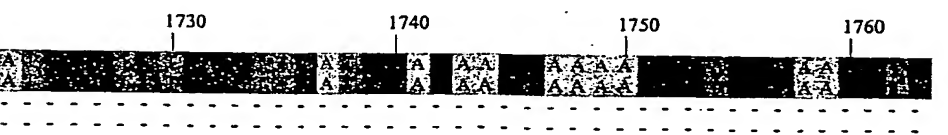
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



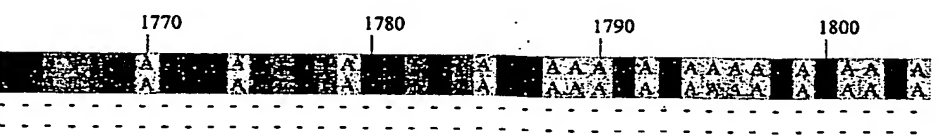
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



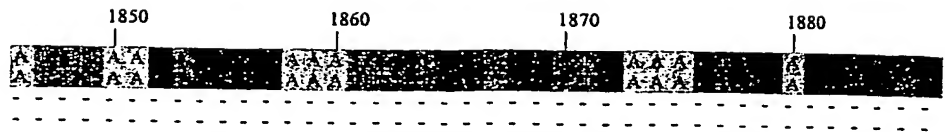
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



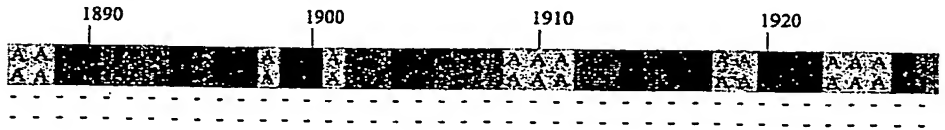
FIG. 7(CONTINUED 4).



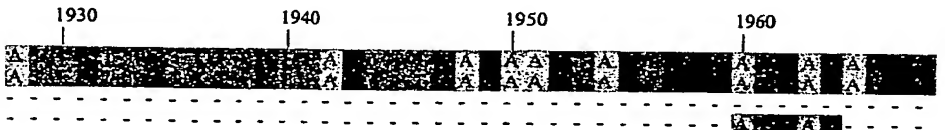
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

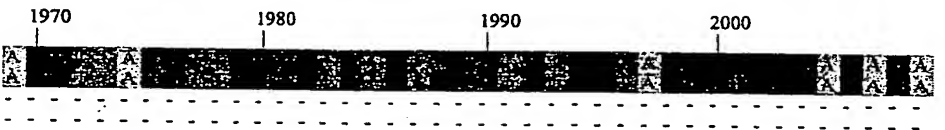


Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

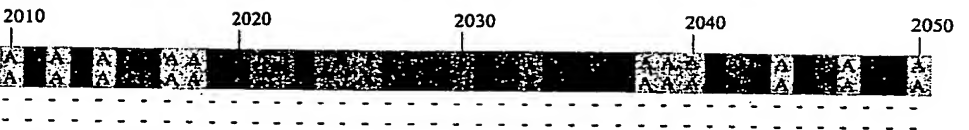


SEQ ID 64

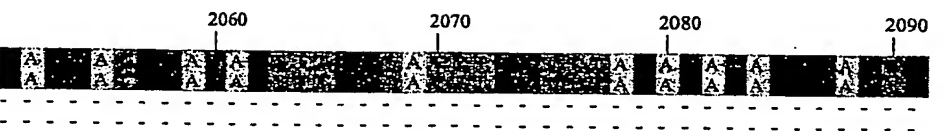
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



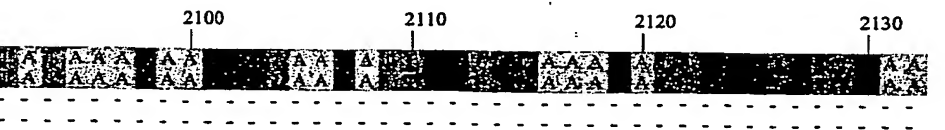
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



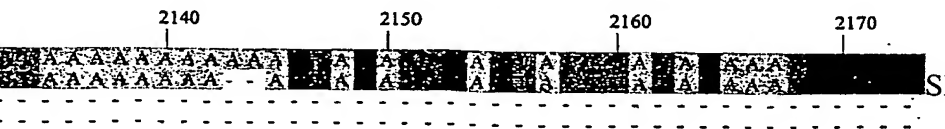
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



SEQ ID 54

Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

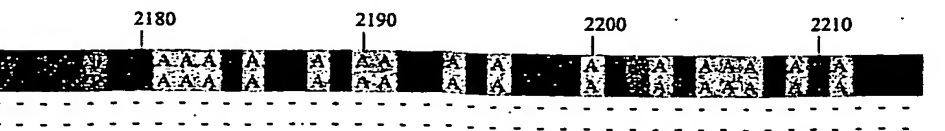
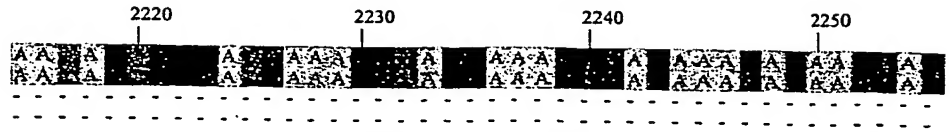
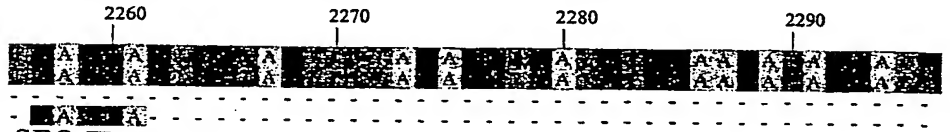


FIG. 7(CONTINUED 5).

Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

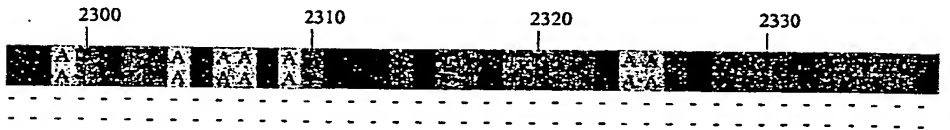


Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

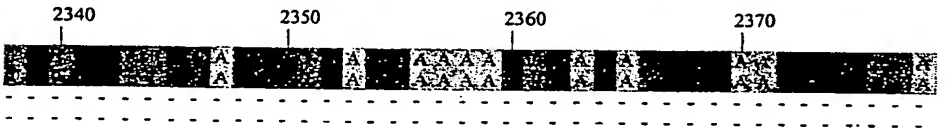


SEQ ID 65

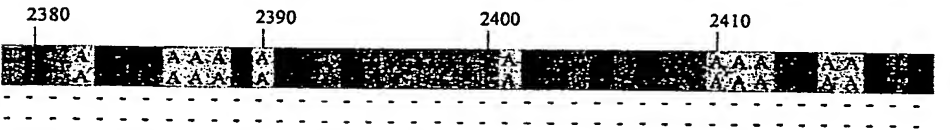
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

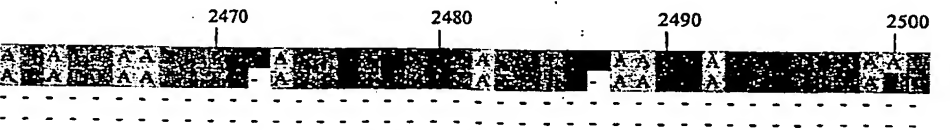


SEQ ID 55

SEQ ID 56

SEQ ID 57

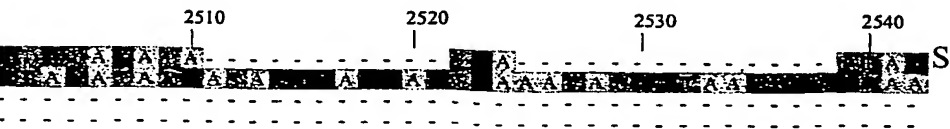
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



SEQ ID 58

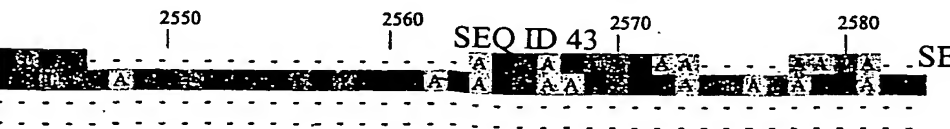
SEQ ID 59

Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



SEQ ID 42

Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

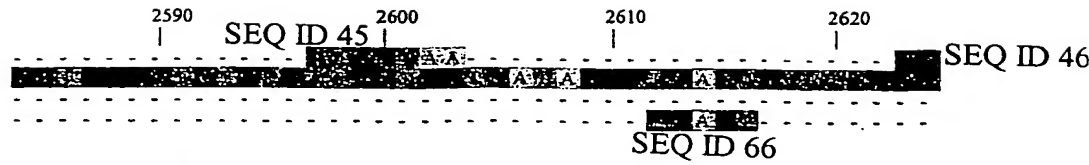


SEQ ID 43

SEQ ID 44

FIG. 7 (CONTINUED 6).

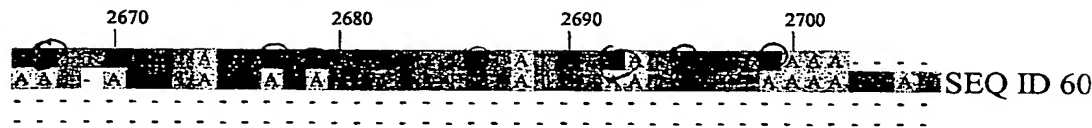
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



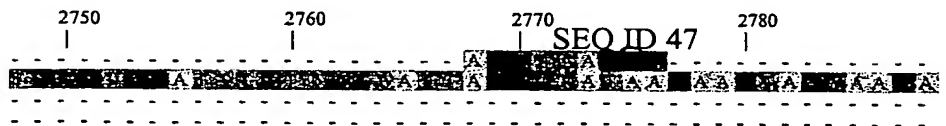
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



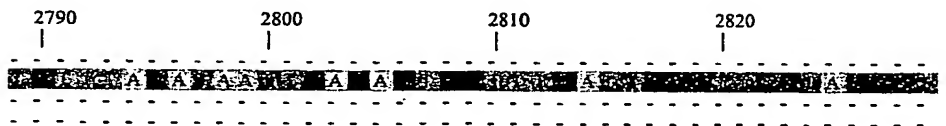
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



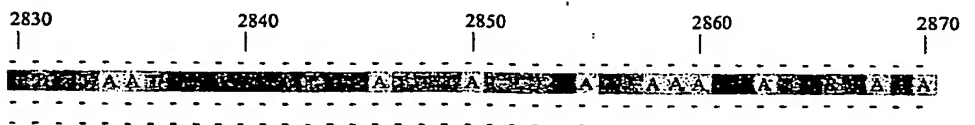
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



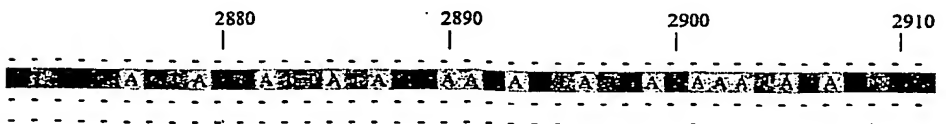
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

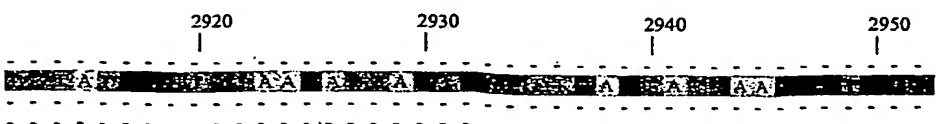
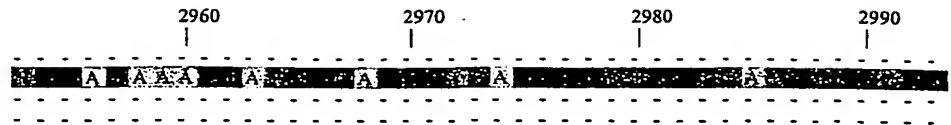
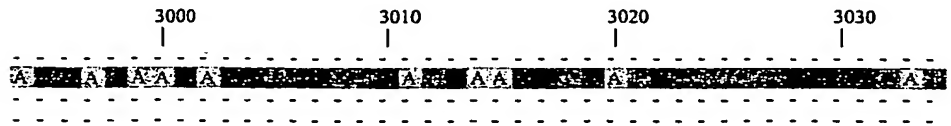


FIG. 7 (CONTINUED 7).

Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



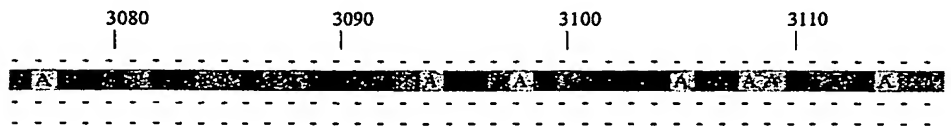
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



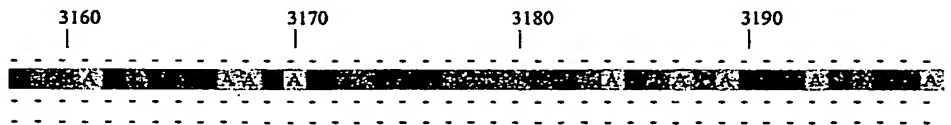
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



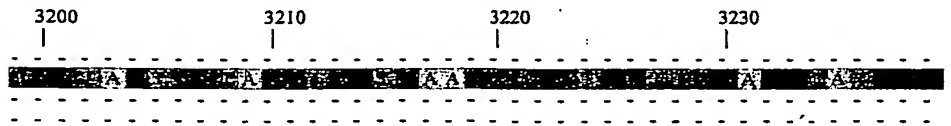
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



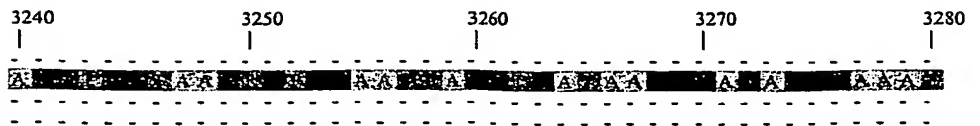
Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

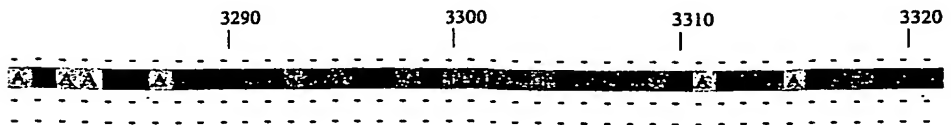
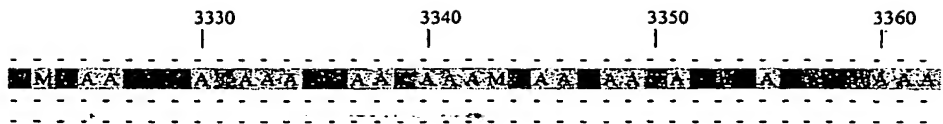


FIG. 7 (CONTINUED 8).

Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ



Ep855444.seq  
WO0100663.SEQ  
wo0123533seq25.SEQ  
BACE\_dna.SEQ

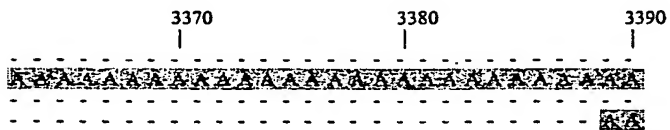


FIG. 7 (CONTINUED 9).

Wo0123533SEQ32.pro  
wo0100663.PRO  
baceprot.pro

**SEQ ID 67**

M A L P W L I V M S G E V E P A G S G I L P L C L S G A F L G L L

**SEQ ID 69**

Wo0123533SEQ32.pro  
wo0100663.PRO  
baceprot.pro

50 60 70 80

SEQ ID 70

Wo0123533SEQ32.pro  
wo0100663.PRO  
baceprot.pro

90 100 110 120

P L L L V G F A V G A A P P F L Y Y L Y L L  
P L L L V G F A V G A A P P F L Y Y L Y L L  
P L L L V G F A V G A A P P F L Y Y L Y L L

Wo0123533SEQ32.pro  
wo0100663.PRO  
baceprot.pro

130 140 150 160

G V Y V P Y G G W G L G L V I P G P V V V A L A A T  
G V Y V P Y G G W G L G L V I P G P V V V A L A A A  
G V Y V P Y G G W G L G L V I P G P V V V A L A A T

Wo0123533SEQ32.pro  
wo0100663.PRO  
baceprot.pro

170 180 190 200 210

EEFGWGLGLAYAAIAAPP  
EEFGWGLGLAYAAIAAPP  
EEFGWGLGLAYAAIAAPP

Wo0123533SEQ32.pro  
wo0100663.PRO  
baceprot.pro

220                      230                      240                      250  
 F L L C G A G F P L V L A V G G M P L G G I L Y G L W Y  
 F L L C G A G F P L V L A V G G M P L G G I L Y G L W Y  
 F L L C G A G F P L V L A V G G M P L G G I L Y G L W Y

Wo0123533SEQ32.pro  
wo0100663.PRO  
baceprot.pro

260 270 280 290

PI WYY VLLV V L G L M C Y Y I V G  
PI WYY VLLV V L G L M C Y Y I V G  
PI WYY VLLV V L G L M C Y Y I V G

Wo0123533SEQ32.pro  
wo0100663.PRO  
baceprot.pro

300 310 320 330

U L P V F A A I A F G F W L L V C W A G  
L L P V F A A I A F G F W L L V C W A G  
L L P V F A A I A F G F W L L V C W A G

Wo0123533SEQ32.pr  
wo0100663.PRO  
baceprot.pro

340 350 360 370

P W F P V I L Y L M G V F I L I L P Y L P V V A  
P W F P V I L Y L M G V F F I L I L P Y L P V V A  
P W F P V I L Y L M G V F F I L I L P Y L P V V A

Wo0123533SEQ32.pr  
wo0100663.PRO  
baceprot.pro

380 390 400 410 420

CYFAI GVMGAVIM GFYVVE A GFAV AC  
CYFAI GVMGAVIM GFYVVE A GFAV AC  
CYFAI GVMGAVIM GFYVVE A GFAV AC

FIG. 8.

430 440 450 460

V V F F A A V G P F V L M C G Y I P  
V V F F A A V G P F V L M C G Y I P  
V V F F A A V G P F V L M C G Y I P

470 480 490 500  
 K A T C A E E M L E C L M V C W C H C  
 SEQ ID 68  
 SEQ ID 71

FIG. 8 (CONTINUED).



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